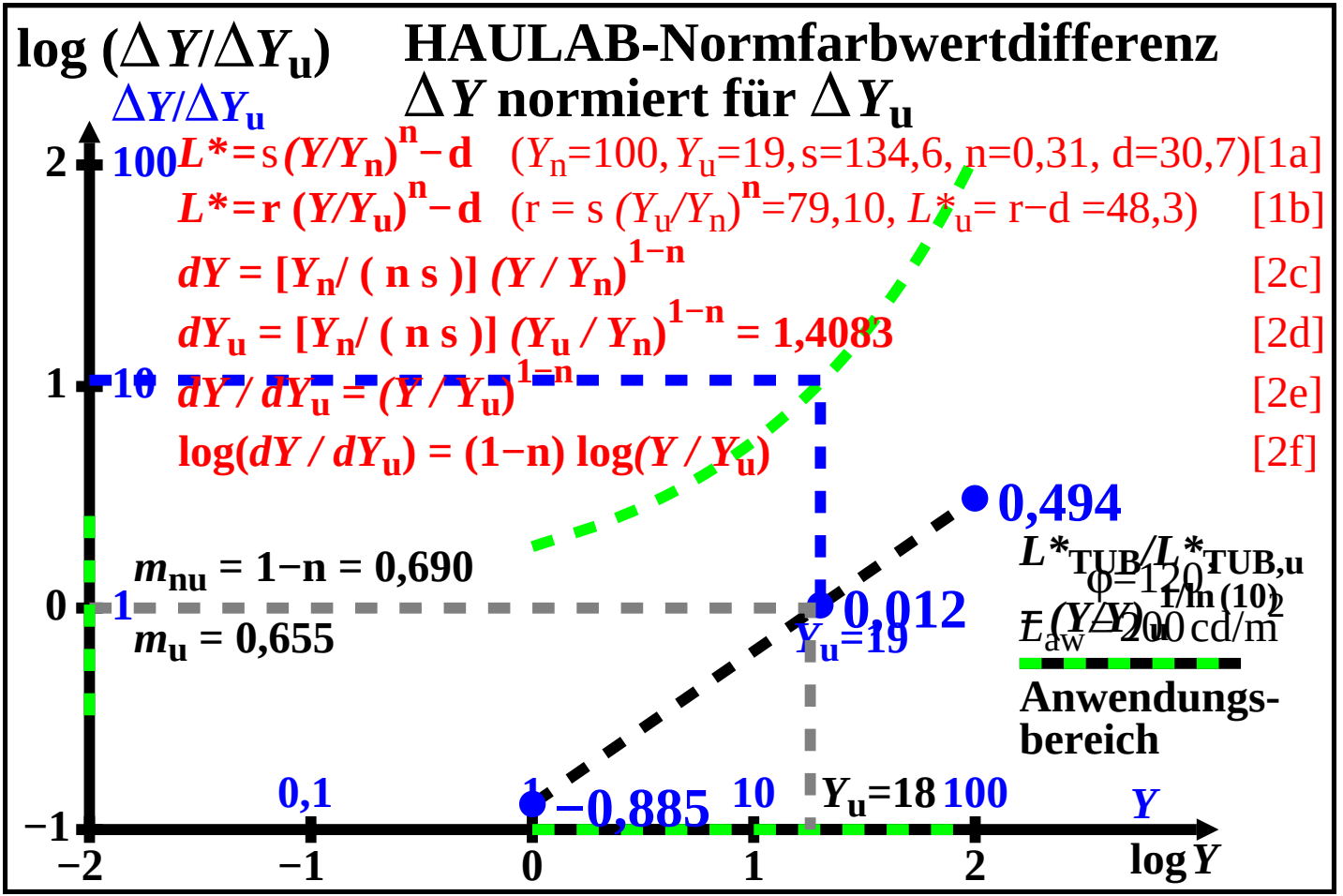
log (ΔY/ΔY_u)
HAULAB-Normfarbwertdifferenz
ΔY normiert für ΔY_u
ΔY/ΔY_u
L*=s (Y/Y_n)^n − d (Y_n=100, Y_u=19, s=134,6, n=0,31, d=30,7) [1a]
L*=r (Y/Y_u)^n − d (r = s (Y_u/Y_n)^n=79,10, L*_u= r−d =48,3) [1b]
dY = [Y_n/ (n s)] (Y / Y_n)^1−n [2c]
dY_u = [Y_n/ (n s)] (Y_u / Y_n)^1−n = 1,4083 [2d]
dY / dY_u = (Y / Y_u)^1−n [2e]
log(dY / dY_u) = (1−n) log(Y / Y_u) [2f]
m_nu = 1−n = 0,690
m_u = 0,655
0,494
0,012
Y_u=19
L*_TUB/L*_TUB,u
Φ=120 lm (10°)
E_aw=200 cd/m²
Anwendungs-
bereich
−0,885
Y_u=18
Y
log Y
2
1
0
−1
100
10
1
0,1
−2
−1
0
1
2
100
10
1
0,1

hgo90−7a